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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/531,735	03/21/2000	Shalom Levin	EPLC/03	7129

7590

04/21/2003

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EXAMINER

KOVACS, ARPAD F

ART UNIT

PAPER NUMBER

3671

DATE MAILED: 04/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/531,735

Applicant(s)

LEVIN ET AL.

Examiner

Árpád Fábián Kovács

Art Unit

3671

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 08 April 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 9-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 9-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim(s) 9-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Weber (3670413).

In re independent claim 9, Weber discloses a lawnmower blade assembly comprising:

a shaft (15) rotatable with a motor (10);

a stub (19, 20) in communication with the shaft (fig 2);

a blade (12);

a receiver (22) coupled to the blade (fig 4, 5), the receiver including a receiving portion (13) and at least a plurality of flexible members (13) configured for moving between outward and inward positions for engaging and retaining the stub in the receiving portion (fig 2) in a releasable engagement, the flexible members including ends configured such that pressure thereon moves the flexible members outward, allowing for at least the disengagement of the blade from the stub (as the top ends of flexible members of the receiving portion is moved outwardly the receiver is released from the stub shaft);

in re claim 10, the shaft, stub, blade, receiver are coaxial (see fig 2);

in re claim 11, the outer surface of the stub where the receiving portions's inner surface engages allows a sufficient but minimal amount of rotation play for the blade (see fig 2, the receiving portions on the outer surface of the shaft at ref 19, allows minimal rotation since it is not secured to the stub shaft, but rather pressure of the receiving portions keeps it engaged with the shaft);

in re independent claim 12, Weber discloses a lawnmower blade assembly comprising:

- a shaft (15) rotatable with a motor (10);

- a stub (19, 20) in communication with the shaft (fig 2);

- a blade body (12) including oppositely disposed cutting portions (fig 6, blade 12 having oppositely disposed cutting portions) and a platform intermediate the cutting portions (as best shown on fig 4, the receiver is placed between the oppositely disposed cutting portions or in the middle of ref 12);

- a receiver (22) coupled coaxially to the blade (fig 4, 5), the receiver including a receiving portion (13) and at least a plurality of flexible members (13) configured for moving between outward and inward positions for engaging and retaining the stub in the receiving portion (fig 2) in a releasable engagement, the flexible members including ends configured such that pressure thereon moves the flexible members outward, allowing for at least the disengagement of the blade from the stub (as the top ends of flexible members of the receiving portion is moved outwardly the receiver is released from the stub shaft);

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in re claim 13, the flexible members (or spring clips 13) are spring like (i.e. can be pushed outwardly to disengage the stub shaft and when released it will press against the stub shaft; col. 2, line 18).

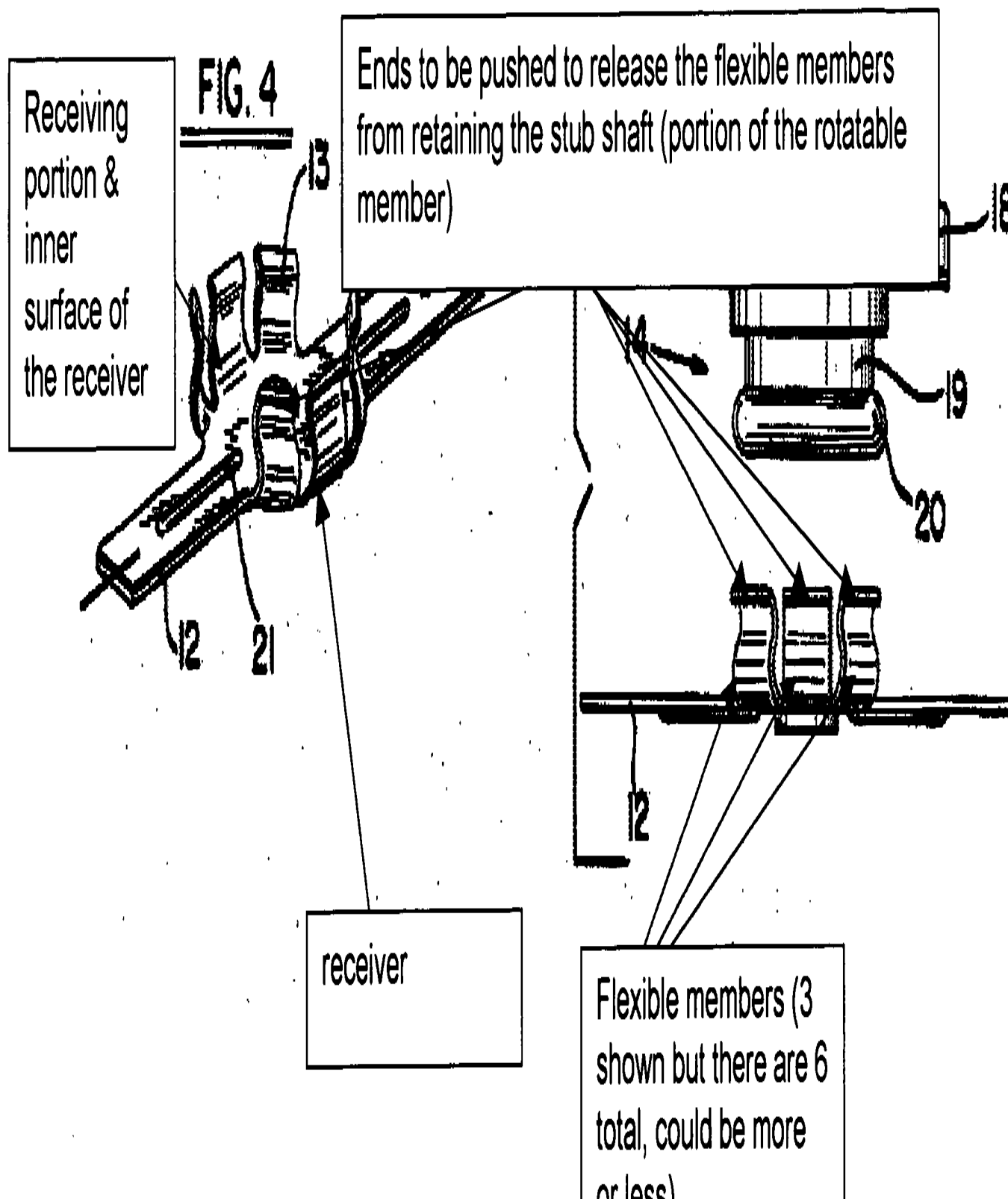
***Respons to Argum nts***

3. Applicant's arguments filed 4/8/2003 have been fully considered but they are not persuasive.

In response to applicant's argument that Weber's spring clips are strips that move outward as a whole, thus fails to show the claimed invention, the fact that applicant has recognized another advantage which would flow naturally from following the suggestion of the prior art cannot be the basis for patentability when the differences would otherwise be obvious. See *Ex parte Obiaya*, 227 USPQ 58, 60 (Bd. Pat. App. & Inter. 1985).

In response to applicant's argument that Weber's clips hold the hub (stub shaft), that there is not motivation to add additional structure etc..., is not agreed with, since the Examiner is not suggesting adding any structure. As Weber shows it meets the claimed limitations. Although in the rejection above the claimed limitations are clearly addressed, the Applicant will show with arrows the portions considered:

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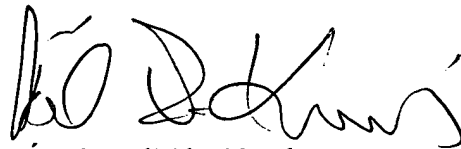
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**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Árpád Fábián Kovács whose telephone number is 703 308 5897. The examiner can normally be reached on Mo-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas B. Will can be reached on 703 308 3870. The fax phone numbers for the organization where this application or proceeding is assigned are 703 305 7687 for regular communications and 703 308 8623 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 1113.



Árpád Fábián Kovács  
Examiner  
Art Unit 3671

ÁFK  
April 19, 2003